

Biobased Content Justification
Round 9

6/10/2009

Product Category	Biobased Content	Company Name	Product Name	Performance Justification
Agricultural Spray Adjuvants	15	KHY6	KHY6-0009	The product is manufactured with vegetable polysaccharides, and when applied to the plant it forms a thin film that protects and prevents pesticides from being carried away by wind or degraded by ultraviolet sunlight. This product also improves the efficacy of pesticides by reducing wash off by rain or irrigation. This product also reduces the surface tension, which allows for a homogenous distribution of the applied chemicals.
	86	QY5R	QY5R-0003	Aids in breaking down the waxy leaf cuticle of the weed target. Masking agent and activator all in one product, allowing a more effective uptake of the herbicide.
	87	DRL2	DRL2-0003	High-performance product of 98 percent methyl ester purity derived from 100 percent virgin soybean oil. Environmentally safe soy spray promotes uniform herbicide application and improved target coverage of herbicide sprays.
	87	QY5R	QY5R-0004	This product helps break down the waxy cuticle on the leaf surface and helps penetrate the bud and bark area (of the woody brush), allowing a more effective uptake of the herbicide.
	88	MN4C	MN4C-0001	Use this product to increase surface spreading and penetration onto and into leaves. It also increases pesticide activity even under low humidity and high temperature conditions. Best of all, you don't need to premix this product with chemicals before adding to the spray tank, so you save time and handling.
	90	QY5R	QY5R-0001	A methylated seed oil surfactant that is nonionic and compatible with a broad range of herbicides. Sun Wet is a quality blend of methylated seed oil and emulsifiers.
	93	U377	U377-0002	This spray adjuvant is a unique blend of emulsifiers, surfactants, and conditioners with twice-refined vegetable oil that provides for broad compatibility with most agricultural chemicals.
Animal Cleaning Products	60	PQ52	PQ52-0008	Safe and gentle for all your pets, and will leave their fur soft, clean and fresh-smelling. Non toxic and safe, and helps to repel fleas and ticks.
	63	TNCZ	TNCZ-0004	Clean your animal in minutes without scrubbing. Eliminates mite and fungus food sources. Non-toxic, readily biodegradable and earth friendly.

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	69	TNCZ	TNCZ-0006	No dyes, synthetic ingredients or fragrances. Contains jojoba oil for a silky coat. Non-toxic, biodegradable and earth friendly.
	75	G3C4	G3C4-0001	This product contains only natural ingredients -- a unique blend of coconut oil soap base; organic protein; an amino acid combination supplying nutrients to the skin and fur; vitamin E, a skin-protecting agent and anti-oxidant; and aloe vera and joboba oils, natural moisturizing factors. This extraordinary formula was perfected after 25 years of research and use.
	77	ULHI	ULHI-0048	It easily washes away dirt, grime, and insect residue, etc., without noxious fumes and odors. It is powerful enough to remove deep-seated dirt; yet so gentle it has been used to bathe day-old kittens. It is also non-toxic and carcinogen-free.
	97	TNCZ	TNCZ-0005	Spray on this plant based conditioner to add amazing luster and manageability to your animal's coat. No petroleum so bands and braids will not slip out. No silicones, bio-based and allergen free.
Deodorants	25	J8AQ	J8AQ-0200	This natural deodorant is gentle, safe and delivers long-lasting protection. It is formulated with apricot oil, vitamin E, shea butter and certified organic corn starch and without alcohol or aluminum chlorohydrate. This deodorant delivers soothing freshness.
	25	J8AQ	J8AQ-0197	This natural deodorant combines age-old botanical secrets for long-lasting protection. It is formulated without alcohol or aluminum chlorohydrate and contains certified organic tea tree oil, well known for its anti-bacterial and antiseptic properties, as well as azulene, for its skin soothing properties. Also enriched with certified organic corn starch. This deodorant delivers energizing freshness.
	30	Y31Y	Y31Y-0002	This product uses grapefruit seed extract to provide natural, long lasting protection against odor. Our deodorants actually help to eliminate odor causing bacteria instead of just masking it with a perfume.
	76	J8AQ	J8AQ-0201	This certified organic deodorant is soothing, safe, and delivers long-lasting protection. Does not contain alcohol or aluminum chlorohydrate and is enriched with certified organic aloe vera gel, vitamin E, chamomile and corn starch. This deodorant delivers especially gentle freshness.

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	98	D8TH	D8TH-0002	With organic extracts of sage, lemon, patchouli, and tea tree oils along with organic grain alcohol, this deodorant is an earthy and bold smelling product that counteracts the growth of bacteria but doesn't clog pores.
	99	D8TH	D8TH-0001	With organic extracts of jasmine, grapefruit, and sage oils along with organic grain alcohol, this deodorant is a sweet smelling product that counteracts the growth of bacteria but doesn't clog pores.
Dethatchers	6	WWW3	WWW3-0004	This revolutionary polymer based liquid also has humic acids, kelp, non-pathogenic thatch eating microbes, and mycorrhizae.
	10	XRR6	XRR6-0001	The best way to reduce thatch is to get it to decompose. For this to occur, you need to create a healthy soil. That is well aerated and bioactive. Biological Dethatcher makes sure that the specific microbes necessary for thatch decomposition are present in your soil.
	35	KHY6	KHY6-0012	Derived from urea, ammonium phosphate, ferrous sulfate, potassium nitrate, manganese sulfate, zinc sulfate, and citric acid. Conditions soil for better water penetration and nutrient uptake.
	90	CH23	CH23-0016	This is a natural product for the accelerated decomposition of excessive thatch in turfgrass. Thatch Relief liquid is a combination of naturally occurring bacteria strains, plant enzymes, and surfactants.
	98	J922	J922-0004	This product is a unique combination of mesophilic microbes, molds and yeast, and six selected microbial cultures, which all occur naturally in soil and compost but in smaller numbers. It is non-toxic, non-caustic, non-acidic, non-pathogenic (harmless to humans, pets & wildlife) and is biodegradable.
	100	RS9R	RS9R-0002	Professional Strength. Beneficial to Your Lawn. 100% Natural. Replenishes Humus in Soil. Environmentally Safe. Breaks Down Lawn Waste. Safe for Humans, Plants, Animals and the Environment.
Fuel Conditioners	28	B62S	B62S-0003	This fuel additive is a concentrated multifunctional ashless gasoline additive that specially formulated for use in all types of gasoline used in new and old two-stroke and four-stroke gasoline powered vehicles. The product contains a unique blend of methyl soyate bio-fuel derived from soybean oil and a ashless multifunctional additive package that incorporates the dual functionality of frictional modification and detergency.

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	38	U4RM	U4RM-0001	This is a non-toxic, non-hazardous product that works with any fuel. Increases performance and fuel savings; average MPG increase 9-19%.
	49	RGWJ	RGWJ-0074	This is a soy-based diesel fuel conditioner formulated to improve fuel economy and power, and overcome the known problems associated with today's fuel. Improves fuel economy by 4.1-13.6 % and horsepower up to 5.6%
	67	RGWJ	RGWJ-0073	This is a soy-based diesel fuel conditioner formulated to improve fuel economy and power, and overcome the known problems associated with today's fuel. Improves fuel economy by 4.1-13.6 % and horsepower up to 5.6%
	75	J7A3	J7A3-0037	The product is biodegradable and in the event of a leak or spill into the environment it will rapidly breakdown. It increases fuel lubricity, protecting and extending the life of diesel fuel system components including the fuel pump and injectors. It also increases energy efficiency, reducing fuel consumption. It helps to control diesel engine emissions. It also increases diesel fuel cetane number, enhancing fuel burnability and lowering emissions. • Clean up and keep clean injectors • Improve fuel economy • Reduce emissions and smoke • Restore Power • Improve acceleration
	77	RGWJ	RGWJ-0076	This product is a multi-functional synthetic biobased gas additive that is formulated to provide excellent intake valve cleanliness and ensure clean efficient combustion in fuel injected and carburetor equipped engines.
	89	BP37	BP37-0008	It serves as a corrosion inhibitor, fuel stabilizer, and water emulsifier for biodiesel, diesel, and gasoline. This product provides corrosion protection, lubricity and elastomer protection for biobased fuels.
	95	J3TP	J3TP-0015	A natural soy based lubricity additive for diesel fuel. Enhances performance and life expectancy of all diesel engines. Meets or exceeds engine manufacturers' requirements for lubricity. Can improve cetane rating.
	96	GG22	GG22-0001	Using this product increases the lubricity, enhances Cetane, and cleans injectors, while remaining environmentally friendly. It has been proven to decrease engine wear up to 50%. This product results in a reduction in maintenance of the diesel engine, or the extension in engine life.
Leather, Vinyl, and Rubber Care Products	8	HH38	HH38-0008	Trusted by shoe care specialists since 1899, our shoe polish contains natural Carnauba Wax for that high gloss shine. Manufactured in 6 colors and is great for a military spit shine.

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	28	UG82	UG82-0001	This product is almost pure beeswax and is for leather that really gets wet. Our Waterproofing goes on smoothly, penetrating leather and leaving a waterproof seal on the surface. Waterproofs dry flies and line without leaving an oil slick on the water.
	58	WW33	WW33-0002	The finest chemical available for cleaning and preserving your breathable or solid vinyl, deep grained vinyls, pearlized vinyl, hercolyn, leatherette, naugahyde, or any synthetic fabric. No abrasives, residue, coating, or discoloration.
	61	U4WQ	U4WQ-0010	A highly concentrated powerful, economical, and versatile general purpose vinyl cleaner to remove dirt, grease, oil, tar, and many other organic and synthetic materials from hard or soft surfaces. Formulated from 100% biobased ingredients. Product complies with OSHA 29 CFR - 1910.1200 Section (i) trade secrets, contains no hazardous components under OSHA or California Proposition 65 List. No ingredients are listed under IARC, ACGIH, NTP or OSHA as a carcinogen.
	62	UG82	UG82-0004	This product is an all purpose leather care product which cleans, conditions, and protects all types of leather. Regular use will build a degree of waterproofing on the leather. Use on saddles, tack, chaps, shoes & boots, purses, motorcycle leathers, saddlebags, car upholstery, and leather furniture. Our Leather Cream brings dry, curled, cracked leather back to life and protects all leather from the harsh effects of the environment...sun, wind, dryness, and moisture.
	70	BP37	BP37-0012	Cleans and revitalizes hardened and glazed rubber drives, belts on VCRs, coin machines, and record changers. Rubber restorer and protectant. Penetrates rapidly and improves grip. No CFC, HCFC or ODP.
	88	WW33	WW33-0001	Cleans with a saddle soap base and preserves with pure neatsfoot oil. The product penetrates the leather and does not bleed out of the leather in summertime or in hot environments. Cleaner leaves no residue and leather appearance stays natural.

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Lotions and Moisturizers	37	J8AQ-0095	J8AQ-0095	We have developed this product as a potent anti-oxidant perfect for mature and dehydrated skin. Formulated with Wheat Germ, and Avocado Oil, Aloe Vera Gel and Vitamins A,C, and 25,000 I.U.of Vitamin E, this luxe creme helps minimize fine lines, improves skin tone, texture and elasticity.
	62	XB9O-0017	XB9O-0017	Our skin cream is fortified with rich emollients, natural conditioners, the natural goodness of grapefruit essence oils, and vitamins C & E. It provides vital nutrients for healthier, softer skin; and gives skin a light, youthful grapefruit fragrance.
	66	VD7X	VD7X-0079	Effectively combines CoQ10, Vitamin E, organic Sunflower oil and organic White Tea with Algae for cellular hydration and skin firming benefits. Daily use can help boost skin's natural elasticity for a visibly smoother, firmer appearance
	72	VD7X	VD7X-0100	Complete replenishment and renewal with our skin-smoothing Lipo-Filling Complex. Daily or nightly moisturizer made with calming, non-irritating ingredients for reactive complexions. Hyaluronic Acid along with Organic Almond and Borage Oils provide weightless moisturization with a velvety finish. Licorice Root, Organic Lavender and Arnica provide daily therapy to help reduce redness and inflammation. Our Lip-Filling Complex smoothes skin and balances tone for a healthy, radiant complexion.
	80	GO1A	GO1A-0011	
	84	J8AQ	J8AQ-0089	Avocado, Sunflower, and Safflower Oils relieve dryness and maintain moisture balance.
	85	Q5ON	Q5ON-0025	It contains Canadian grown and processed certified organic hemp seed oil. Eco-friendly and healthy, it also contains an abundance of omega 3, 6, and 9 fatty acids as well as vitamin E and rosemary extract (two super antioxidants).
	87	J8AQ	J8AQ-0093	Concentrated with 84% pure Aloe Vera Gel, known throughout the ages for its extraordinary natural soothing and moisture replenishing properties, Sweet Almond and Avocado Oil, plus Vitamins A, E and C this rich-yet light emulsion delivers complete daily care.
	88	J8AQ	J8AQ-0092	We have developed this cream to comfort and soothe imbalances. A complete, enriched, highly nourishing, cooling combination of Seaweed, Algae, Ginseng and Mexican Wild Yam to hydrate and harmonize.
	89	J8AQ	J8AQ-0442	

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	89	J8AQ	J8AQ-0094	This product is a fast penetrating moisturizer to comfort and relieve dryness. Aloe Vera, known throughout the ages for its extraordinary natural soothing and moisture replenishing properties, is now combined with Sweet Almond Oil and Vitamin A & E to deliver immediate softness
	91	Q5ON	Q5ON-0021	Our new vegan salves all have their own unique healing properties. They all however have the benefits of high EFA organic hempseed oil. This balm is perfect for keeping tattooed skin moist.
	94	Y191	Y191-0026	
	94	WM27	WM27-0003	This lotion is excellent for dry skin and problems with eczema. This is a natural product with a paraben free preservative.
	95	J995	J995-0003	We are dedicated to producing products from the finest quality natural ingredients. While we strive to use as many organic contents as possible, we will not fudge on percentages to make artificial organic content claims. Instead, we believe in full ingredient disclosure, and labels that accurately reflect the organic content of our products.
	99	A21Z	A21Z-0009	Our eczema treatment salve may help to relieve to some of the itching and flaking that comes with eczema and other dry skin conditions. This salve can be used on ages 2 to 100.
Shaving Products	40	R1WZ	R1WZ-0005	Using an age-old process, a select blend of fresh herbs is brewed for weeks and then strained multiple times resulting in a golden serum which cools and soothes newly shaven skin. Leaves skin virtually free of irritation. Aloe is then added to moisturize and soften skin.
	95	RPJV	RPJV-0009	Soap gentle enough for women AND tough enough for men with lots of lather and will not dry out your skin. The natural glycerin helps to replenish moisture into the skin, while the bentonite clay added to these soaps helps to obtain a smooth shave.
	99	M234	M234-0002	We use only Goat milk instead of water when making our Handmade Soap. No water or powdered milk is ever used.
	99	B6I5	B6I5-0002	Our shave cream, made with vegetable glycerin and pure coconut and olive oils, lathers richly and conditions without aerosols, petroleum, or alcohol, leaving your skin feeling smooth, clean, and fresh.

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	100	E9E0	E9E0-0001	Skin conditioning seaweed, deep cleaning pumice and deodorizing black walnut. Free of dyes and harsh synthetics.
Specialty Precision Cleaners and Solvents	76	RYB8	RYB8-0005	This cleaner is a special blend of aliphatic esters and surface-active agents formulated to offer an effective alternative to ozonedepleting chlorofluorocarbons, chlorinated hydrocarbons, caustic cleaners, and undesirable petroleum-derived solvents in precision cleaning applications. It is a semi-aqueous ester-based cleaner. User friendly, exhibits extremely low toxicity characters. Applications are resin and wax removal, general degreasing suitable for high temperature applications. Its high flash point, combined with low odor, toxicity, and vapor pressure, allow it to be used safely in demanding applications where maximum operator safety and minimal environmental impact are important.
	82	RYB8	RYB8-0001	An ultra-low residue terpene-based solvent designed for hand-wipe cleaning applications. Water or solvent rinsing is not required. Typical uses include: Precision hand-wipe, pre-paint cleaning, pre-bond cleaning, cleaning before sealant application, fine metal degreasing, circuit board defluxing.
	100	E676	E676-0001	A nontoxic (food grade), low flammability, biodegradable solvent, Histo-Clear substitutes for xylene as a histological clearing agent. Histo-Clear improves safety and results.
Sun Care Products	62	J8AQ	J8AQ-0100	Organic Calendula Extract fights sun damage with its high content of antioxidant Vitamin A and EFAs, as Oat Oil and Organic Marigold Extract gently soothe skin exposed to the elements.
	63	J8AQ	J8AQ-0099	This sun block spray is a light, dry-oil moisturizing formula. Combines anti-oxidants and non-greasy natural ingredients to help protect, nourish and reduce premature aging of the skin.
	70	P5IE	P5IE-0002	Our SPF 25 lotion, with its special blends of Rose Hips Oil, Aloe, Titanium, and other exotics is formulated to PROTECT sun-sensitive parts of the body from burning, while allowing these same areas to tan lightly or moderately, depending on your skin type.
	81	ZK91	ZK91-0042	Moisturizes with organic jojoba oil and can be worn daily under or in place of makeup.

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	82	ZK91	ZK91-0106	Ideal for children. Powerhouse herbal sunscreen, packed with antioxidants and herbal emollients.
	97	Y191	Y191-0071	Our Sun Protection Lotion uses 15% zinc oxide for an SPF 15 meaning it effectively blocks 93% of the sun's burning rays. Because zinc oxide uniformly protects against the UV spectrum from 290-380 nanometers (nm), we believe that our Summer Protection Lotion is also effective against 93% of the sun's UVA rays.
	99	KQ7Q	KQ7Q-0002	Petrochemical Free. Certified Organic Ingredients. Vegan. Biodegradable. Edible grade ingredients. Baby-safe. No toxic side effects.
Wastewater Systems Coatings	20	X03Z	X03Z-0001	This product is a Biobased polyurea comprised of 100% solids that are environmentally friendly, which means they contain no VOC's. Fast set-up times. Areas can be open to use in less than a day depending on the product. Can be sprayed as a smooth or textured surface. Can be sprayed on walls (vertical) or floors (horizontal). Polyurea can be sprayed in high moisture conditions, they also displays excellent chemical, and abrasion resistance.
	62	QTHE	QTHE-0003	Hydrogen-sulfide resistant polyurethane [or urethane] protective coating/liner for sanitation wastewater manholes and related structures. Utilithane Polyurethanes are applied at low heat and contain no abrasive fillers.
Water Clarifying Agents	95	C6IV	C6IV-0001	This is likely the strongest, most complex beneficial bacterial product available. It has no odor and usually sells for less than other products. Can be used in both fresh and saltwater and reduces ammonia and H2S along with their associated odor.
	98	J922	J922-0001	This product is a blend of granular product consisting of naturally-occurring, scientifically selected (but not genetically manipulated) microbes formulated to accelerate decomposition and digestion of excess nutrients including ammonia, nitrites, nitrates, phosphates, urea and fecal matter in aquaculture and ponds. Its microbial cultures are extremely effective in producing much healthier and larger yields in typical aquaculture operations, provided that a good supply of dissolved oxygen and proper feed for aquaculture are maintained.

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	98	RS9R	RS9R-0005	Our formula contains beneficial bacteria and enzymes that digest organic waste, cleaning aquarium, pond, or fountain naturally and reducing the hostile factors that have been determined to be detrimental to the health and life cycle of fish. Can be used to Koi and fish ponds, as well as decorative fountains and aquariums. It oxidizes Ammonia, detoxifies nitrites and nitrates, improves water clarity and quality, and is effective in both fresh and salt water.
	98	RS9R	RS9R-0008	This product is a blend of two of our other products. Combining the most advanced scientific formulation of specialized bacterial strains, natural enzymes, and fermentation enhancers with water clarity and quality in commercial aquaculture, This product is the perfect blend for shrimp farming.
	98	RS9R	RS9R-0003	This is the most advanced scientific formulation of specialized bacterial strains, natural enzymes, and fermentation enhancers. It is the environmentally safe solution for the biodegradation of a wide range of organic wastes. It is even used as a feed ingredient in the aquaculture industry where its unique blend of enzymes and microorganisms offer prebiotic and probiotic benefits.
	99	RS9R	RS9R-0004	This product improves water clarity and quality in commercial aquaculture, aquariums, decorative fountains and pond situations. Proven effective in both salt and fresh water, the product accelerates organic waste degradation under both aerobic and anaerobic conditions. Control of ammonia, nitrate, and nitrite provides a safer, healthier, environmentally friendly ecosystem. It improves water quality and its probiotic and prebiotic qualities also improves stock health, harvest size, weight and survivability. It can also be used as a feed ingredient for the aquaculture sector.
	100	J922	J922-0006	This product is a granular blend of product consisting of naturally occurring, scientifically selected (but not genetically manipulated) microbes formulated to accelerate decomposition and digestion of biomass (sludge) and to consume excess nutrients including nitrates and phosphates. Ecological imbalances and bottom sludge result from an influx of fallen foliage, fish and animal wastes and 'non-point' pollutant organic and inorganic nutrient runoff from the surrounding watershed.

